





TODAY'S ACTION

- Consider receiving a report on the September 19, 2019 workshop with the Monterey County Water Resources Agency Board of Supervisors and Board of Directors related to funding for Water Resources Agency projects and programs; and
- Approve staff's recommendation to seek funding on deferred maintenance at Nacimiento and San Antonio Reservoirs, including rehabilitation of the San Antonio spillway.



Prior BOD/BOS Action

- April 26, 2019 - BOD Funding Workshop
 - Overview of underfunded/unfunded project/programs with alternatives for funding. At this workshop, participants provided input on next steps.
- September 19, 2019 - Joint BOS/BOD Funding Workshop
 - WRA staff reviewed costs and funding alternatives. Participants provided input on next steps.
- October 24, 2019 - BOD
 - Received this action and the recommendation was approved.



Discussion

Agency actions to date:

- Evaluated funding mechanisms
 - Special Tax, Assessments, and Fees
- Staff finalized list of projects and costs
- Determined deferred maintenance should be priority given DSOD deadlines.
- Hired Wallace Group to assist with process
 - Validate project costs
 - Evaluate funding mechanisms and timelines.

Discussion (cont'd)

STATE OF CALIFORNIA – CALIFORNIA NATURAL RESOURCES AGENCY

GAVIN NEWSOM, Governor

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791

APR 12 2019

Ms. Shauna Lorange, P.E., Interim General Manager
Monterey County Water Resources Agency
Post Office Box 930
Salinas, California 93902-0930

San Antonio Dam, No. 1008-2
Monterey County

Dear Ms. Lorange:

This is in reply to Monterey County Water Resources Agency's (MCWRA) letter dated May 23, 2018, submitting the Spillway Condition Assessment Report prepared by GEI Consultants, Inc (GEI) for San Antonio Dam. This report was prepared in response to our letter dated May 12, 2017, requiring a condition assessment of the spillway.

In the report, GEI identifies significant foundation and structural deficiencies that could greatly compromise spillway performance during high flow events. Based on our independent evaluation, we agree with the spillway deficiencies identified by GEI and their conclusion that the spillway is in poor condition and unsafe for use under high flow conditions. Therefore, a major rehabilitation or full replacement of the spillway will be needed to ensure the safe performance of the spillway under significant flows up to the maximum design outflow.

By July 1, 2019, please submit a plan and schedule to resolve the spillway deficiencies for our review and approval. Every effort must be made to restore the full function of the spillway by November 1, 2024. In the interim, short-term risk reduction measures need to be implemented and associated maintenance repairs completed by November 1, 2019.

In their Report, GEI includes recommendations that we could strategically use as interim measures. We suggest for consideration the following:

1. Perform remedial concrete to floor and wall joints; a
2. Commence a pilot program longitudinal and transverse condition of the underdrains.

In addition, it is important that the dam's spillway, document any necessary maintenance items during the winter flood season.



Ms. Lorange
APR 12 2019
Page 2

Because of the known spillway deficiencies at San Antonio Dam, the Division of Safety of Dams' condition assessment for the dam has been changed from "Satisfactory" to "Fair." Definitions of condition assessments are on our website at www.water.ca.gov/damsafety.

If you have any questions or need additional information, you may contact Design Engineer John Diefenthal at (916) 227-4638 or Project Engineer Wallace Lam at (916) 227-4626.

Sincerely,

Sharon K. Tapia, Chief
Division of Safety of Dams

By July 1, 2019, please submit a plan and schedule to resolve the spillway deficiencies for our review and approval. Every effort must be made to restore the full function of the spillway by November 1, 2024. In the interim, short-term risk reduction measures need to be implemented and associated maintenance repairs completed by November 1, 2019.



Discussion (cont'd)

San Antonio Spillway Options:

- Repair
 - Spillway Assessment Report \$4.6 million, DSOD stated insufficient.
- Rehabilitate
 - Staff and consultant are developing work and costs. How much overhaul and lifespan?
- Replace
 - Estimated at \$60 million. Life span of 100 years.
- Nothing
 - DSOD will entertain proposal but must be able to store PMF and outlet facility must be fully functional. Staff is evaluating impacts on overall system operations and developing costs for a fail-safe outlet.

Discussion (cont'd)

September 19, 2019

- Joint BOD/BOS Funding Workshop

- Revised project list and costs for a combined total of \$145 million.
- Plus \$1.5 million annually for O&M.
- Plus \$1.5 million in capital reserve.
- Revised list of funding mechanisms including: Assessments, Special Tax, Community Facilities District.
- Participants provided input on next steps.

Discussion (cont'd)

Stakeholder input from workshop:

- Pursue Prop 218 Special Assessment using Zone 2C as boundary.
 - Adopt annexation policy
 - Continue to work with GSA
 - Explore a “Pay-as-you-go” or extraction fees alternatives.
- Continue seeking other funding alternatives such as grants and private funding.
- Agency should separate funding requests for Deferred Maintenance, ILT and GSA activities.



Discussion (cont'd)

Next steps:

- Move forward with Prop 218 Special Assessment to fund deferred maintenance and spillway work.
- Goal is to have funding in place for 2020-21 Tax Roll; therefore, vote should be held in Spring 2020.
- Hire consultant to develop assessment methodology, Engineer's Report, election, and public outreach.
- Develop spillway rehabilitation costs.



TODAY'S ACTION

- Receive a report on the September 19, 2019 workshop with the Monterey County Water Resources Agency Board of Supervisors and Board of Directors related to funding for Water Resources Agency projects and programs; and
- Approve staff's recommendation to seek funding on deferred maintenance at Nacimiento and San Antonio Reservoirs, including rehabilitation of the San Antonio spillway.







TODAY'S ACTION

Consider approving and authorizing the Monterey County Water Resources Agency General Manager to:

- a. Sign an agreement with the Wallace Group to prepare an Engineer's Report and provide assistance with holding a Proposition 218 special assessment election for deferred maintenance at Nacimiento and San Antonio Reservoirs for the term November 5, 2019 to June 30, 2022 in the amount of \$300,000; and
- b. Authorize the General Manager to execute up to two (2) Amendments to this Agreement that do not exceed ten percent (10%) (30,000) of the original Agreement and do not significantly alter the scope of services





Prior BOD/BOS Action

- The WRA BOD approved and recommended BOS approval of this agreement at its October 24, 2019 meeting.



Discussion

- Wallace Group was selected among 3 consultants to assist with September 19, 2019 workshop
- Has developed thorough knowledge of the process.
- Highly recommended by other agencies.
- Allow for smooth transition to next steps.



Discussion (cont'd)

- Scope of Work and Costs
 - Project Management and Meeting Facilitation
 - \$58,739
 - Engineer's Report
 - \$119,370
 - Proposition 218
 - \$116,333
 - Direct Costs/Overhead
 - \$5,558

Discussion (cont'd)

■ Projected Schedule

Task	Begin Date	End Date
Apportionment Methodology	As soon as agreement is executed	December 15, 2019
Engineer's Report	December 15, 2019	March 23, 2020
Protest Hearing	April 6, 2016	May 26, 2020
Ballot Processing	May 27, 2020	June 1, 2020
Assessment Roll and Diagram Recording	June 2, 2020	June 15, 2020
New Tax Code Setup	June 15, 2020	June 30, 2020
Submit Assessments to ACO	June 30, 2020	August 1, 2020



TODAY'S ACTION

Approve and authorize the Monterey County Water Resources Agency General Manager to:

- a. Sign an agreement with the Wallace Group to prepare an Engineer's Report and provide assistance with holding a Proposition 218 special assessment election for deferred maintenance at Nacimiento and San Antonio Reservoirs for the term November 5, 2019 to June 30, 2022 in the amount of \$300,000; and
- b. Authorize the General Manager to execute up to two (2) Amendments to this Agreement that do not exceed ten percent (10%) (30,000) of the original Agreement and do not significantly alter the scope of services



